Claims:

1.   A method in a process control system, in which a terminal displays symbols illustrating parts of a process and information about the
5   status of the process, related to concrete places in the operating environment of the process, such as actuators, pumps, measuring devices, process equipment parts, or the like, **characterized**   in that corresponding graphic images are allotted to said concrete places, indicating the location of the place in the process, and these graphic
10   images can be displayed in the operating environment of the process control system when the process is running.

2.   The method according to claim 1, **characterized**   in that the graphic image is displayed by activating with an input device of the terminal the representation corresponding to a desired concrete place
15   and displayed on the display device of the terminal, such as a symbol, text, or the like that indicates said concrete place.

3.   The method according to claim 1 or 2, **characterized**   in that a separate graphic image is provided for each of a plurality of concrete places.

20   4.   The method according to claim 1 or 2, **characterized**   in that at least some of the concrete places are illustrated in the same graphic image and the place whose virtual image can be displayed as a graphic image of its own, is shown in the graphic image in a distinguished manner, such as by circling, by changed background, by
25   a symbol, or in a corresponding manner.

5.   The method according to any of the preceding claims, **characterized**   in that the graphic image can be displayed with the display device in parallel with corresponding information indicating the status of the process, particularly together with information related to
30   the place being displayed, for example in such a way that the information is displayed ready within the retrieved graphic image or otherwise linked to it in such a way that it can be retrieved.

6. The method according to any of the preceding claims, **characterized** in that the terminal, which comprises the display device and the input device, is portable or wearable and it is in a wire-less data transmission connection with the process control system.

5   7. The method according to any of the preceding claims, **characterized** in that the graphic image comprises one or several portions which can be displayed as a separate graphic image of its own, preferably in a more detailed view and/or provided with additional data.

10   8. The method according to any of the preceding claims, **characterized** in that the graphic image can be processed when it is displayed, for example in such a way that a 3-dimensional graphic image can be turned in different angles of viewing and/or it can be enlarged.

15   9. The method according to any of the preceding claims, **charac-terized** in that the graphic image is a virtual image corresponding to a 3-dimensional view of the concrete place.

10. A process control system, comprising
—   a terminal (4) having a display device (4a) and an input
20   device (4b),
—   a user interface software (3) connected to the terminal and to a process,
—   in the user interface software (3), several process graphic images (5), each containing symbols or
25   representations of concrete places of a plant where the process to be controlled takes place,
—   in the user interface software (3), several images (6) that correspond to respective symbols or representations of at least one of said process graphic diagram (5),
30   —   connected to the input device (4b), means for visualizing an image (6) upon activating a corresponding symbol or representation in said process graphic diagram (5).